

28 TRANSMITTER DISTRIBUTOR BASE FOR THE
AUTOMATIC SEND-RECEIVE (ASR) SET

DESCRIPTION

1. GENERAL

1.01 This section describes the transmitter distributor base used in the Automatic Send-Receive (ASR) Set to mount the transmitter distributor unit. The accompanying photograph shows a typical base.

2. PHYSICAL CHARACTERISTICS

2.01 In general, all bases used as mountings for the transmitter distributor in an ASR Set are similar in structure. They consist of an aluminum casting designed to be mounted on the cradle in the left side of the ASR cabinet.

2.02 The transmitter distributor base serves as a mounting for two drive shafts with bearings, and a gear. These shafts are at a right angle to each other and transfer driving motion from the power shaft of the perforator-transmitter base to the transmitter distributor.

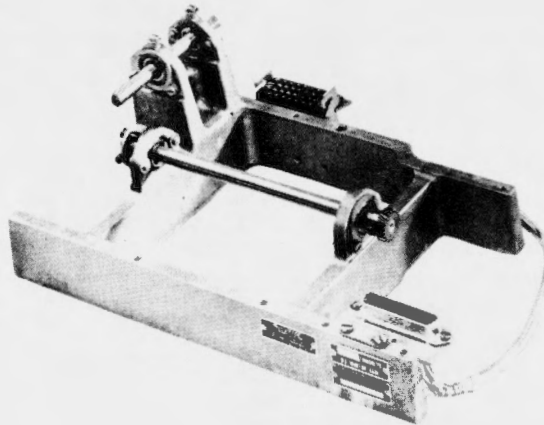
2.03 The speed at which the transmitter distributor runs may be changed by changing the set of gears between the two shafts. These gears are not considered a part of the base.

2.04 Where necessary, adjustable stops are provided to determine the front to rear position of the transmitter distributor.

2.05 A gear guard is provided for the speed gears as a safety measure and for protection of the gears.

3. ELECTRICAL CHARACTERISTICS

3.01 Most of the early designed transmitter distributor bases have no electrical connections. Later designed bases and some early designed bases, however, have a cable with a connector at each end. These connectors are fastened to the base by brackets in a suitable location for connecting electrical circuits from the transmitter distributor to an associated electrical service unit cable.



Typical ASR Transmitter Distributor Base